

ABSTRACT

A common mode feedback circuit includes a common mode feedback amplifier unit having output signals and a reference signal, and a combining circuit for combining or adjusting the output signals of the common mode feedback amplifier unit, to prevent the output signals from being distorted, and to maintain the output signals of the common mode feedback amplifier unit at the reference signal. The common mode feedback amplifier unit includes a differential amplifier having two differential input terminals and two differential output terminals. The combining circuit includes two sets of gain amplifier to receive and combine the output signals from the common mode feedback circuit and outputs two differential signals.